SWALLOW.

AN ALMANACK

for the Year of our LORD GOD

1672.

Being the Bissextile or Leap-year,
and from the Worlds Creation
5676.

Calculated properly for the Meridian
of the University and Town of
CAMBRIDGE:

Where the Pole is elevated 52 degrees and 17 min. above the Horizon.

Omnia falce metit tempus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University. 1672.

A Table of the hour and minute of Sun-rising every second day.

days	*Januar.* ho.	mi.	*Februa.* ho.	mi.	*March* ho.	mi.	*April* ho.	mi.	*May* ho.	m.	*June* ho.	
2	8	4	7	15	6	16	5	14	4	21	3	
4	8	1	7	11	6	12	5	10	4	17	3	
6	7	58	7	7	6	8	5	6	4	14	3	
8	7	56	7	3	6	4	5	2	4	11	3	
10	7	53	6	57	6	0	4	58	4	7	3	
12	7	51	6	53	5	56	4	54	4	5	3	
14	7	48	6	50	5	52	4	50	4	2	3	
16	7	45	6	46	5	48	4	46	4	0	3	
18	7	43	6	42	5	44	4	43	3	58	3	
20	7	40	6	38	5	40	4	39	3	56	3	
22	7	37	6	34	5	36	4	35	3	54	3	
24	7	33	6	30	5	32	4	32	3	52	3	
26	7	29	6	26	5	29	4	29	3	50	3	
28	7	25	6	22	5	25	4	25	3	48	3	
30	7	21	0	0	5	21	4	22	3	47	3	

days	*July* ho.	mi.	*August* ho.	mi.	*Septem.* ho.	mi.	*Octob.* ho.	mi.	*Novi.* ho.	m.	*Dec.* ho.	
2	3	54	4	39	5	39	6	41	7	37	8	
4	3	56	4	43	5	42	6	45	7	40	8	
6	3	58	4	46	5	46	6	49	7	44	8	
8	4	0	4	50	5	50	6	52	7	47	8	
10	4	3	4	54	5	54	6	56	7	51	8	
12	4	6	4	58	5	58	7	0	7	54	8	
14	4	8	5	2	6	2	7	4	7	57	8	
16	4	11	5	6	6	6	7	8	7	59	8	
18	4	15	5	10	6	11	7	12	8	1	8	
20	4	18	5	14	6	15	7	15	8	3	8	
22	4	21	5	18	6	20	7	19	8	5	8	
24	4	24	5	21	6	24	7	22	8	7	8	
26	4	27	5	25	6	28	7	25	8	9	8	
28	4	30	5	29	6	32	7	29	8	11	8	
30	4	34	5	32	6	36	7	32	8	13	8	

Seek the day on the side; and right against it, in every moneth, you have the hour and minute of Sun-rising.

Table of the ho. and min. of Sun-setting every 2d day of the year.

Januar ho. mi.	*Februa.* ho. mi.	*March* ho. mi.	*April* ho. mi.	*May* ho. mi.	*June* ho. mi.
3 56	4 45	5 44	6 46	7 39	8 14
3 59	4 49	5 48	6 50	7 43	8 15
4 2	4 53	5 52	6 54	7 46	8 16
4 4	4 57	5 56	6 58	7 49	8 17
4 7	5 3	6 0	7 2	7 53	8 17
4 9	5 7	6 4	7 6	7 55	8 17
4 12	5 10	6 8	7 10	7 58	8 17
4 15	5 14	6 12	7 14	8 0	8 16
4 17	5 18	6 16	7 17	8 2	8 15
4 20	5 22	6 20	7 21	8 4	8 14
4 23	5 26	6 24	7 25	8 6	8 13
4 27	5 30	6 28	7 28	8 8	8 12
4 31	5 34	6 31	7 31	8 10	8 11
4 35	5 38	6 35	7 35	8 12	8 10
4 39	0 0	6 39	7 38	8 13	8 8

July ho. mi.	*Auguſt* ho. mi.	*Septem.* ho. mi.	*October* ho. mi.	*Novem* ho. mi.	*Decemb* ho. mi.
8 6	7 21	6 21	3 19	4 23	3 45
8 4	7 17	6 18	3 15	4 20	3 45
8 2	7 14	6 14	3 11	4 16	3 44
8 0	7 10	6 10	3 8	4 13	3 43
7 57	7 6	6 6	3 4	4 9	3 43
7 54	7 2	6 2	3 0	4 6	3 43
7 52	6 58	5 58	4 56	4 3	3 43
7 49	6 54	5 54	4 52	4 1	3 44
7 45	6 50	5 49	4 48	3 59	3 45
7 42	6 46	5 45	4 45	3 57	3 45
7 39	6 42	5 40	4 41	3 55	3 46
7 36	6 39	5 36	4 38	3 53	3 48
7 33	6 35	5 32	4 35	3 51	3 50
7 30	6 31	5 28	4 31	3 49	3 51
7 26	6 28	5 24	4 28	3 47	3 53

The

THe Golden number this year is
The Cycle of the Sun 1. The Epact

This year is also from

The Creation of the World	56
The Flood of Noah	40
The coming of Israel out of Egypt	3
The building of York	2
The building of Rome	24
The burning of Solomons Temple	23
The building of Cambridge	19
The Baptisme of Christ	16
The Death of Christ	16
The destruction of Jerusalem	1
The making of Cambridge an Universty	1
The Conquest of England by Duke William	6
The Powder Treason, November 5.	

And Note that on the 30th of *Jan.* the 24th year of our Lo. K. *Charles* the II beginneth. Whom God grant long to reign.

The Anatomy of Mans Body,

♈ Head and face.

♉ Neck and throat.

♋ Breast stomach and ribs.

♍ Bowels and belly.

♏ Secret members

♑ Knees.

♊ Arms shoulders

♌ Heart back.

♎ Reins loyns.

♐ Thighs

♒ Legs

♓ The feet

☽ moon 4 day, 42 min. paſt 11 before noon.
☽ quarter 12 day, 24 min. paſt 7 in the morning.
☽ new moon 19 day, 8 min. paſt midnight.
☽ quarter 27 day, 50 minutes paſt 4 in the morn

Circ. of Chri.	Gem.	10	21	15	Snow or
Octab. Steph.		25	22	16	rain. Windy.
Octab. John	Canc.	9	23	18	Thick air, and
Octab. Innoc.		24	24	19	cold.
Simeon	Leo	8	25	20	Cold air incli-
Epiphany		22	26	21	ning to froſt
1 aſt. Epiph.	Virgo	6	27	22	or ſnow.
Lucian mar.		19	28	24	
Marcelline	Libra	2	29	26	
Sun in Aquar.		14	0 ♒	26	Something
Hyginus		27	1	27	windy.
Treadius	Scorp.	8	2	28	More cold
Hilary Biſh.		20	3	29	than moiſt.
2 aſt. Epiph.	Sagit.	2	4	30	Variable ſtate
Mauritius		14	5	31	and temper
Marcellus		26	6	32	of the air.
Anthony	Capr.	8	7	33	
Prisca mart.		20	8	34	Cold impetu-
Wolſtan biſh.	Aquar.	3	9	35	ous Windy
Octab. Hilar.		16	10	36	weather.
3 aſt. Epiph.		29	11	37	Very ſharp
Vincent	Piſces	13	12	38	froſty cold
Term begins		26	13	39	weather.
Timothy biſ.	Aries	10	14	40	Clouds often
Conv. of Paul		24	15	41	ſcattering
Polycarpus	Taur.	8	16	41	ſnow or
Quind. Hilar.		22	17	42	ſleet.
4 aſt. Epiph.	Gem.	6	18	43	Cold abated,
Valerius biſ.		20	19	44	Windy open
K. Charl. Mar.	Canc.	4	20	44	weather and
Saturnine.		18	21	45	rain-like.

Full moon 3 day, 38 min. before 1 in the morning.
Last quarter 10 day, 56 min. past 6 at night.
New moon 18 day, 39 min. past 2 after noon.
First quarter 26 day 50 min. past 5 in the morning.

1	d	Brigget Fast	Leo	3	22	46	Indifferent.
2	e	Pur. of Mary		16	23	46	Freezing.
3	f	Craft. Purif.	Virg.	0	24	47	Cold North
4	g	Septuagesima		14	25	48	wind, with
5	a	Agatha		27	26	48	rain or
6	b	Dorothea	Libra	10	27	49	snow,
7	c	Angulus		21	28	49	Something
8	d	Sun in Pisces	Scorp.	4	29	56	milder.
9	e	Octab. Purif.		16	0 ♓	50	Wind with
10	f	Scholastica		28	1	50	storms of
11	g	Sexagesima	Sagit.	10	2	51	snow or
12	a	Term ends		22	3	51	rain.
13	b	Agabus	Capr.	4	4	51	Right winds
14	c	Valentine m.		16	5	52	weather.
15	d	Faustine		28	6	52	Wind raise
16	e	Juliana	Aquar.	11	7	52	rain, snow
17	f	Constant.		24	8	52	sleet.
18	g	Shrove-sund.	Pisc.	8	9	53	
19	a	Sabine		22	10	53	
20	b	Shrove-Tues.	Aries	6	11	53	Moist cold
21	c	Ashwednesd.		20	12	53	mid weather
22	d	Cath. Pet.	Taur.	4	13	53	with wind
23	e	Serenus		18	14	53	sea and land
24	f	Interc. Fast	Gem.	3	5	53	also.
25	f	Quadragesim.		17	16	53	Very variable
26	g	and Matthias	Canc.	1	17	52	and change-
27	a	Fortunatus		15	18	52	able.
28	b	Ember week		28	19	52	Strong west
29	c	Oswald bish.	Leo	12	20	52	winds.

ull moon 3 day, 18 min. past 2 after noon.
ast quarter 11 day, 41 min. past 2 after noon.
ew moon 19 day. 19 min. past 2 in the morning.
irst quarter 25 day, 52 min. past 5 at night.

David bish.	Leo	26	21	52	The wind
Chad bish.	Virg.	9	22	51	turning often.
Ordination.		22	23	51	Wind with
Adrian.	Libra	6	24	51	some moisture.
Eusebius		18	25	50	
Fridericus	Scorp.	0	26	50	Cold, perhaps
Perpetua		12	27	49	freezing.
Mauritan		24	28	49	
Agapite	Sagit.	6	29	48	Sleeting
3 sund. Lent		18	0 ♈	48	air.
Quirion	Capr.	0	1	47	Cold in the
Gregory bis.		12	2	46	morning, and a
Ernestus		24	3	46	little moist.
Candid. m.	Aquar.	6	4	45	Tempestuous at
Longinus		19	5	44	Sea; and at land
Cyriacus	Pisces	3	6	43	very windy,
Midlent sund.		16	7	42	raising wet.
Edward K.	Aries	0	8	42	
Joseph		15	9	41	More mild
Rupertus		29	10	40	and warm.
Benedict A.	Taur.	14	11	39	but alters soon
Typhodius		29	12	38	after to more
Theodor. Fast	Gem.	13	13	37	blustring
5 sun. in lent.		27	14	36	weather.
Annun. Mary	Canc.	12	5	34	Milder again,
Castulus		25	16	33	and temperate
Johan. Ere.	Leo	9	17	32	springing
Dorothy virg		23	18	31	weather.
Eustach.	Virg.	5	19	30	Rain from the
Guido		18	20	28	south.
Palm-sunday	Libra	1	21	27	Temperate.

April hath xxx days.

Full moon 2 day, 24 min. past 5 in the morning.
Last quarter 10 day, 12 min. past 8 in the morning
New moon 17 day, 26 min. past 11 before noon.
First quarter 24 day, 38 min. past 1 in the morning.

1	g	Theodorus	Libra	14	22	25	Mild but al-
2	a	Mary Egyp.		26	23	24	ters about the
3	b	Richard bis.	Scorp.	9	24	23	Full, and is
4	c	Ambrose bis.		21	25	21	less cold till
5	d	Good Friday.	Sagit.	3	26	20	Good Friday
6	e	Sixtus Fast		14	27	18	Cool air for
7	f	Easter day		26	28	16	days.
8	g	Egesippus	Capr.	8	29	15	Fine warm
9	a	Perpet. bis.		20	30	13	showers and
10	b	Sun in Taur.	Aquar.	2	1	11	temperate.
11	c	Leo Pap.		15	2	10	Wet & colder
12	d	Julius		27	3	8	weather for
13	e	Justinus	Pisces	11	4	6	some days.
14	f	Low-sund.		24	5	4	Something
15	g	Olympia	Aries	8	6	2	better.
16	a	Isidore bish.		23	6	59	More dry
17	b	Anicetus	Taur.	8	7	57	than cold, and
18	c	Apollonius		23	8	55	thunder-like.
19	d	Alphege.	Gem.	8	9	53	Cool nights.
20	e	Sulpitius		23	10	55	Various and
21	f	2 sund. aft. E.	Canc.	7	11	50	moist.
22	g	Quind. Pasc		22	12	47	Temperate
23	a	S. George	Leo	6	13	45	and fine
24	b	Term begins		19	14	44	warm weath.
25	c	Mark Evan.	Virgo	2	15	43	with April
26	d	Cletus bish.		15	16	45	showers.
27	e	Anastatius		28	17	38	Pleasant and
28	f	3 aft. Easter	Libra	11	18	36	good till the
29	g	Tres Pasch.		24	19	34	last day.
30	a	Erken w. Fast	Scorp.	5	20	32	

Full moon 1 day, 46 min. past 8 at night.
Last quarter 9 day, 3 min. past 11 at night.
New moon 16 day, 10 min. past 5 after noon.
First quarter 23 day, 33 min. past 11 before noon.
Full moon 31 day, 56 min. past 11 before noon.

Philip & Jac.	Scorp.	17	21	29	Nightly rains,
Athanasius		29	22	27	and hot air,
Iovent. Crucis	Sagit.	11	23	25	with wind
Florianus		23	24	22	now and
4 aft. Easter	Capr.	5	25	2	then. -- At
Mens. Pasch.		17	26	17	*John Port. Lat.*
Joh. of Bev.		29	27	15	Colder with
Stanislaus	Aquar.	11	28	13	some wind, if
Iob		23	29	10	not rain also.
Pancratius	Pisces	6	0 ♓	8	Fair and good
Sun in Gem.		19	1	5	weather.
Rogation sun.	Aries	3	2	0	
Quinq. Pasch.		17	2	58	
Fortunatus	Taur.	1	3	57	
Sophia Fast		16	4	55	
Ascension d.	Gem.	1	5	52	
Crast. Ascen.		16	6	49	Hot weather
Potentius	Canc.	1	7	47	with rain or
6 aft. Easter.		16	8	44	thunder.
Term ends	Leo	1	9	41	
Servulus		15	10	39	Very good
Helena		29	11	36	weather.
Desiderius	Virgo	12	12	3	
Hert. mart.		25	13	30	Some showers
Urban. Fast	Libra	8	14	28	about this
Whitsunday		20	15	25	time and
Bede	Scorp.	2	16	22	some days
German bis.		14	17	19	after.
Ember week		26	18	17	K. Char. retur.
Vigandus	Sagit.	8	19	14	Cloudy and
Petronella		20	20	11	various.

June hath xxx days.

Last quarter 8 day, 43 min. past 10 before noon.
New moon 15 day, 46 min. past one in the morning.
First quart. 21 day, 52 min. past 11 at night.
Full moon 30 day, 47 min. past 2 in the morning.

1	e	Nichomede	Capr.	2	21	8	Clear air.
2	f	Trinity sund.		14	22	5	Ordination.
3	g	Crast. Trin.		26	23	2	More dry
4	a	Petroctus	Aquar.	8	24	57	then cold
5	b	Boniface b.		20	25	56	this
6	c	Artemius	Pisces	2	26	52	quarter.
7	d	Term begin.		15	27	49	Clear weather
8	e	Medard		28	28	46	The 8 day is
9	f	1. aft. Trin.	Aries	12	29	43	Critical: for
10	g	Octab. Trin.		26	0	40	if it rain that
11	a	S. Barnabas	Taur.	10	1	37	day, it argues
12	b	Blandina		25	2	32	a dropping
13	c	Tyrillus	Gem.	10	3	29	hay-time.
14	d	Basil bish.		25	4	27	Intemperate
15	e	Valerius	Canc.	10	5	24	air, at the set
16	f	2 aft. Trin.		25	6	21	ting of Arcturus.
17	g	Quind. Trin.	Leo	10	7	19	
18	a	Marcus		24	8	16	Fine hot
19	b	Gervase	Virg.	8	9	13	weather.
20	c	Edw. K. tr.		21	10	10	A gratefull
21	d	Walburge	Libra	4	11	8	temper.
22	e	Achaf. Fast		17	12	4	More hot then
23	f	3 after Trin.		29	12	0	dry.
24	g	John Baptist	Scorp.	11	13	58	Something
25	a	Loy bish. tr.		23	14	55	moist.
26	b	Term ends	Sagit.	5	15	52	Cloudy,
27	c	7 Sleepers		17	16	49	windy wea-
28	d	Leo b. Fast		29	17	46	ther.
29	e	Peter Apost.	Capr.	10	18	43	Cool and
30	f	4 after Trin.		22	19	31	moist.

Last quarter 7 day, 15 min. past 7 after noon.
New moon 14 day, 9 min. past 9 in the forenoon.
First quarter 21 day, 36 min. past noon.
Full moon 29 day, 48 min. past 4 after noon.

1	Theobald.	Aquar.	5	19	14	Some rain or
2	Visit. Mary		17	20	38	thunder.
3	Cornelius		29	21	35	Scarce fair.
4	Martin tra.	Pisces	12	22	32	Temperate,
5	Inseime		25	23	29	but thick air.
6	Hector	Aries	8	24	26	Clear weather.
7	5 after Trin.		20	25	23	Hot days and
8	Chilianus	Taur.	5	26	21	misty morn.
9	Cyril bish.		19	27	18	Cool.
10	Brethren	Gem.	4	28	15	Various and
11	Pius		18	29	12	thunder-like.
12	Henricus	Canc.	3	0 ♌	9	A little rain,
13	Sun in Leo		18	1	7	perhaps fair
14	6 aft. Trin.	Leo	3	2	4	and good
15	S. Swithin		18	2	58	weather.
16	Simond	Virg.	2	3	56	Thunder.
17	Alexius		16	4	54	Very hot
18	Rosina		29	5	51	weather, and
19	Dog da. beg.	Libra	13	6	50	sometimes
20	Margaret		25	7	48	thunder.
21	7 after Trin.	Scorp.	7	8	45	Windy.
22	Mary Mag.		20	9	43	West wind.
23	Apollinaris	Sagit.	2	10	40	Good summer
24	Christin. Fast		13	11	37	weather, fit
25	S. James Ap.		25	12	35	for hay or
26	S. Anne	Capr.	7	13	32	harvest.
27	Martha		19	14	30	Wind, rain,
28	8 aft. Trin.	Aquar.	1	15	27	fair and
29	Beatrix		14	16	25	windy, the 29
30	Abdon		26	17	22	Good weather
31	Germanus	Pisces	9	18	20	ends the mon.

August hath xxxi days.

Last quarter 6 day, 27 min past 1 in the morning.
New moon 12 day, 44 min. past 5 afternoon.
First quarter 20 day, 35 min past 8 in the morn.
Full moon 27 day, 21 min. past 4 after noon.

1	☾	Lammas day.	Pisces	22	19	18	Hot weather.
2	♄	Stephanus	Aries	5	20	15	
3	♂	Dominicus		18	21	13	Temperate
4	☉	9 aft. Trin.	Taur.	2	22	11	and good
5	♀	Oswaldus		16	23	8	for harvest.
6	☿	Transfigur.	Gem.	0	24	6	
7	♃	Donatus		14	25	4	Heat or thun-
8	☾	Cyriacus		28	26	2	der, according
9	♄	Romanus	Canc.	13	26	59	to the season.
10	♂	S. Laurence		27	27	57	Thunder and
11	☉	10 after Trin.	Leo	12	28	55	heat, with
12	♀	Clare		26	29	53	moisture now
13	☿	Sun in Virgo	Virg.	10	0♍	51	and then this
14	♃	Eusebius		24	1	49	quarter.
15	☾	Assump. of M.	Libra	8	2	47	
16	♄	Roch mart.		21	3	45	
17	♂	Hammes	Scorp.	3	4	43	
18	☉	11 aft. Trin.		15	5	41	Windy wea-
19	♀	Sebaldus		27	6	39	ther, if not
20	☿	Lenes bish.	Sagit.	9	7	37	some rain
21	♃	Bernard		21	8	35	also.
22	☾	Symphzon	Capr.	3	9	33	Afterward
23	♄	Zachee. Fast		15	10	32	fair and
24	♂	Barthol. Apo.		27	11	30	good
25	☉	12 aft. Trin.	Aquar.	9	12	28	weather ex-
26	♀	Ireneus		22	13	27	cept the 23 day
27	☿	Dog da. end	Pisces	5	14	25	The heat of
28	♃	Augustine		18	15	23	the year be-
29	☾	Decol. J. B.	Aries	1	16	22	gins to abate
30	♄	Felix		14	17	20	now.
31	♂	Paulinus		29	18	19	

Laſt quarter 4 day, 16 min. paſt 6 in the morning.
New moon 11 day, 47 min. paſt 4 in the morning.
Firſt quarter 19 day, at almoſt 2 in the morning.
Full moon 26 day, 21 min. paſt 4 in the morning.

S	13 after Trin.	Taur.	13	19	17	Weſt wind
M	Veronica		27	20	16	but fair.
T	Serapia	Gem.	11	21	16	
W	Theodoſius		25	22	13	Great wind
T	Bertine Ab.	Canc.	9	23	11	about this
F	Magnus		23	24	10	time.
S	Enurchus	Leo	7	25	9	Various.
S	14 after Trin.		21	26	8	Cool till the
M	Gorgonius	Virgo	5	27	6	ſun break
T	Silvius biſh.		19	28	5	out.
W	Maurice	Libra	2	29	4	Temperate,
T	Martinian		16	0 ♏	3	though win-
F	Sun in Libra		29	1	2	dy enough.
S	Holy Croſs d.	Scorp.	11	2	1	
S	15 after Trin.		23	3	0	
M	Euphemia	Sagit.	5	3	59	Little differ-
T	Lambert		17	4	58	ing the 17
W	Imber week		29	5	57	day.
T	Januarius	Capr.	11	6	56	
F	Fauſta. Faſt		29	7	56	Expect vari-
S	Matthew Ap.	Aquar.	5	8	55	ous mixed
S	Ordinat. ſun		17	9	54	weather.
M	Esdras	Piſces	0	10	53	Temperate
T	Samuel		13	11	53	and mild.
W	Firmine		27	12	52	Till the 25 d.
T	S. Cyprian	Aries	10	13	51	the weather
F	Coſm. Dam.		24	14	51	bad enough
S	Cyrus.	Taur.	8	15	50	both at ſea
S	Michael Arch.		23	16	50	and land.
M	S. Hierom	Gem.	7	17	49	Milder the laſt

October hath xxxi days.

Last quarter 3 day, 53 min. past 11 before noon.
New moon 10 day, 41 min. past 6 at night.
First quarter 18 day, 12 min. past 9 at night.
Full moon 26 day, 36 min. past 5 in the morning.

1	a	Remigius	Gem.	21	18	49	Unconstant
2	b	Leodegar b.	Canc.	6	19	49	mslings.
3	c	Candidus		20	20	48	Wind and
4	d	Francis	Leo	4	21	48	cool rain.
5	e	Apoline		18	22	48	Something
6	f	18 after Trin.	Virg.	1	23	47	better till t
7	g	Marcellus		15	24	47	8 day.
8	a	Pelagia		28	25	47	Wind if n
9	b	Dionysius	Libra	11	26	47	wet also.
10	c	Gereon		24	27	47	A grateful
11	d	Nicasius bis.	Scorp.	7	28	47	season, and
12	e	Wilfride B.		19	29	47	pretty warm
13	f	Sun in Scorp.	Sagit.	2	0 m	47	Frosty morn
14	g	Calixtus		14	1	47	Snow-like.
15	a	Hedewige		26	2	47	Obscure,
16	b	Gallus	Capr.	7	3	47	dark air.
17	c	Florentius		19	4	47	Wavering.
18	d	Luke Evang.	Aquar.	1	5	47	Wet and
19	e	Ptolome		13	6	48	coldish, wi
20	f	20 after Trin.		25	7	48	windy wea
21	g	Tres Mich.	Pisces	8	8	48	Open wea
22	a	Cordula		21	9	48	ther and
23	b	Term begins	Aries	4	10	49	pretty calm
24	c	Salome		18	11	49	
25	d	Crispinus	Taur.	2	12	50	
26	e	Amandus		17	13	50	About the
27	f	21 after Trin.	Gem.	2	14	50	full moon
28	g	Simon & Jud.		17	15	51	turbulent,
29	a	Narcissus	Canc.	1	16	51	stormy, wi
30	b	Germanus		16	17	52	weather,
31	c	Quintin, Fast	Leo	0	18	53	fleeting.

Laſt quarter 1 day, 7 min. paſt 8 at night.
New moon 9 day, 36 min. paſt 11 before noon.
Firſt quarter 17 day, 54 min. paſt 3 after noon.
Full moon 23 day, 20 min. paſt 4 at night.

1	All Saints	Leo	14	19	53 Obſcure cold
2	All ſouls		28	20	54 air.
3	22 aft. Trin.	Virgo	12	21	54 Wet and
4	Craſt. anim.		25	22	55 fleeting.
5	Powder Tre.	Libra	8	23	56 Milder but
6	Leonard		20	24	57 moiſt & wind.
7	Willibrord	Scorp.	3	25	57 Cold.
8	Claudius		16	26	58 Rain.
9	Theodorus		28	27	58 More moiſt
10	23 aft. Trin.	Sagit.	10	28	59 than warm: for
11	Martin biſh.		22	29	59 ſnow or hail is
12	Sun in Sagit.	Craſt. M.		0 ☩	59 expected about
13	Eugenius	Capr.	16	2	1 the new moon
14	Erkenwald		27	3	3 and after.
15	Leopoldus	Aquar.	9	4	4 Some froſt.
16	Edmund dep		21	5	5 Winter
17	24 aft. Trin.	Piſces	3	6	6 weather.
18	Octab. Mart.		16	7	7 Cold
19	Elizabeth		29	8	8 and
20	Edmond	Aries	12	9	9 moiſt.
21	Obiat. Mary		26	10	10 Indifferent.
22	Ceciſia virg.	Taur.	10	11	11
23	Clemens		25	12	13
24	25 aft. Trin.	Gem.	10	13	15 Not very
25	Quind. Mart.		25	14	16 warm.
26	Conradus	Canc.	10	15	17 Warmer but
27	Agricola		25	16	18 not without
28	Term ends	Leo	10	17	18 ſome ſnow or
29	Saturn. Faſt		24	18	19 rain.
30	S. Andrew A.	Virgo	8	19	21 Miſty, obſcure air.

Last quarter 1 day, 41 min. past 7 in the morning.
New moon 9 day, 32 min. past 6 in the morning.
First quarter 17 day, 47 min. past 7 in the morning.
Full moon 24 day, 43 min. past 2 in the morning.
Last quarter 30 day, 48 min. past 10 at night.

1	f	Advent-sund	Virgo	22	20	22	Some
2	g	Candida	Libra	5	21	23	wind. Clear
3	a	Caſtianus		18	22	24	like to freez
4	b	Barbara	Scorp.	0	23	26	till about the
5	c	Sabina		12	24	27	tenth day.
6	d	Nicholaus		25	25	28	
7	e	Agathon	Sagit.	7	26	29	
8	f	2 ſund. Adv.		19	27	31	Various
9	g	Joachim	Capr.	1	28	32	weather.
10	a	Eulalia		12	29	33	Cold abated
11	b	Sun in Capr.		24	0 ♑	34	but not very
12	c	Epimachus	Aquar.	6	1	36	long.
13	d	Lucy virg.		18	2	37	
14	e	Valerian	Piſces	0	3	38	
15	f	3 ſund. Adv.		13	4	40	
16	g	O Sapientia		25	5	41	Open weath
17	a	Lazarus	Aries	8	6	42	Croſs winds
18	b	Ember week		21	7	44	in the
19	c	Nemeſius	Taur.	5	8	45	clouds.
20	d	Julius. Faſt		19	9	46	Miſling, ob
21	e	Thomas Ap.	Gem.	3	10	47	ſcure air,
22	f	Ordination		18	11	49	and not
23	g	Victor biſh.	Canc.	4	12	50	very cold
24	a	A.& Ev. Faſt		19	13	51	till Chriſtm
25	b	Chriſtmas da.	Leo	4	14	53	
26	c	S. Stephen		19	15	54	Froſty wea-
27	d	S. John Evan.	Virgo	3	16	55	ther.
28	e	Innocents da.		17	17	56	Like
29	f	1 after Chr.	Libra	1	18	58	to be
30	g	David K.		14	19	59	ſnow.
31	a	Silveſter b.		27	21	0	Some wind.

SWALLOW.

the latter part of this

ALMANACK

for the Year of our

LORD GOD

1672.

Being the Biſſextile, or Leap-year, and from the Conqueſt of *England* by *William Duke* of *Normandy* 606.

Wherein we have divers things and notes well worthy of Obſervation, and not unfit for ſuch a Work.

CAMBRIDGE,

Printed by *John Hayes*, Printer to the Univerſity. 1672.

most ready and plain Table to finde Easter day for ever, by the Golden Number, and Sunday letter.

A	B	C	D	E	F	G
Apr. 9	apr. 10	apr. 11	apr 12	apr 6	apr. 7	apr. 8
Mar 26	mar. 27	mar. 28	mar 29	mar. 30	mar. 31	apr. 1
Apr. 16	apr. 17	apr 18	apr. 19	apr. 20	apr. 14	apr. 15
Apr. 9	apr 3	apr 4	apr 5	apr. 6	apr 7	apr 8
Mar 26	mar. 27	mar 28	mar 29	mar. 23	mar. 24	mar. 5
Apr. 16	apr. 17	apr. 11	apr 12	apr. 13	apr. 14	apr. 15
Apr. 2	apr. 3	apr 4	apr 5	apr. 6	mar 31	apr. 1
Apr. 23	apr. 24	apr. 25	apr. 19	apr. 20	apr. 21	apr. 22
Apr. 9	apr. 10	apr 11	apr. 12	apr 13	apr. 14	apr 8
Apr. 2	apr. 3	mar 28	mar 29	mar 30	mar. 31	apr. 1
Apr 16	apr 17	apr. 18	apr. 19	apr 20	apr. 21	apr. 22
Apr. 9	apr. 10	apr 11	apr. 5	apr 6	apr. 7	apr. 8
Mar 26	mar. 27	mar 28	mar. 29	mar. 30	mar. 31	mar. 25
Apr. 16	apr. 17	apr 18	apr 19	apr 13	apr. 14	apr. 15
Apr 2	apr. 3	apr. 4	apr 5	apr. 6	apr. 7	apr. 8
Mar 25	mar. 27	mar. 28	mar 12	mar. 23	mar. 24	mar. 25
Apr. 16	apr. 10	apr 11	apr. 12	apr 13	apr. 14	apr. 15
Apr. 2	apr. 3	apr. 4	apr 1	mar. 30	mar. 31	apr. 1
Apr 23	apr. 24	apr 18	apr 19	apr 20	apr. 21	apr 22

¶ When ye have found the Dominical or Sunday letter in the uppermost line, guide your eye downward from the same, till you come right over against the Prime or Golden Number noted with these letters G. N. and there is shewed both what Moneth, and what day of the Moneth *Easter* falleth that year. As for Example: The Sunday letter this year (1672) is F. and the Golden Number 1. I finde F in the head of the Table, and right against 1 on the side under the title G. N.

I finde *Easter* Day to be *April* the 7. The like method is to be observed for any other year.

And note, that when the Golden Number is either 5. 13. or 16. and the Dominical or Sunday Letter G that then *Easter* day falleth on *March* 25, or our La day. But when the Golden Number is 8, and the D minical letter C, then *Easter* day falleth on the 25th *April*, or St *Marks* day.

Note also that *Easter* day ever falleth between 21th of *March*, and the 16th of *April*: but those days are to be excluded; for it never falleth on the but between them.

Of the Golden Number in more particular.

THe Golden Number is a Periodical revolution 19 years, in which time all the Lunations or Aspe between the Sun and Moon return to the same place were at 19 years before. Which is in a manner but not exactly so: for in 19 years there is an Antici tion of an hour and an half very near, wanting but 7 conds; so that look what Conjunction happens year in *Aries* at noon, will 19 years hence be an h and an half before noon. This Circle is called *Do novenalis circulus*, whose parts are called the Gold Number, because at the first they were written Golden Characters in Tables of Silver, and so sen *Rome*; or for that they came to be written in re Golden Letters in the Kalender. Now to finde Number, do thus. Add one to the year of the Lord which you seek for it, and dividing the whole by the remainder will be the Prime or Golden Numbe or if nothing remain, then will 19 be that number.

of the Cycle of the Sun, and Dominical Letter, and how to finde them.

The Cycle of the Sun is nothing else but a Revolution of 28 years, in which time the Dominical Letters have all their several changes: and it is called the Cycle of the Sun, not for that it sheweth any motion of the Sun, but because by means thereof the Dominical (or Sunday) letter is always found: this Cycle comprehending all the varieties and changes the Sunday letter can have by reason of the Bissextile or Leap-year. And to finde what this Cycle is in any year, add 9 to the year of the Lord in which you seek for it, and dividing the same by 28, the remainder will be the Cycle for that year: or if nothing remain, then you may conclude that the Cycle is 28.

And as for the Dominical Letter, it is always one of the seven letters; *viz.* A. B. C. D. E. F. G. which doth serve the Sunday letter, or day of the Sun all the year, unless it be in a Bissextile or Leap-year, for then there are two Dominical letters, the first whereof serveth for the time from the beginning of *January* to the Eve of *Matthias*, and the other to the years end.

¶ *A table for both these.*

1	2	3	4	5	6	7	8	9
G.F	E	D	C	B.A	G	F	E	D.C
10	11	12	13	14	15	16	17	18
B	A	G	F.E	D	C	B	A.G	F
19	20	21	22	23	24	25	26	27
E	D	C B	A	G	F	E.D	C	B
28								
A	0	0	0	0	0	0	0	0

Of the Prime.

THe Moon is said to be primed when she is three days and eighteen hours old, being then in her last quarter and four parts of the Compass Eastwards from the Sun. This is to be observed among the Country people as a Rule to guide them in weaning their Cattel.

Of St Matthias in the Leap-year.

IN every Leap-year the 24 and 25 days of February in suits at Law, are to be accounted both as one. But for keeping of Fairs, those which use to be on the 24 must be kept on the 25, because St *Matthias* is not celebrated till the 25 when it is Leap-year.

The nature of the 12 signs and 7 Planets.

Signs hot and dry, be *Aries*, *Leo*, *Sagittarius*.
Signs cold and dry, be *Taurus*, *Virgo*, *Capricorn*.
Signs wet and cold, be *Cancer*, *Scorpio*, *Pisces*.
Signs that be windy, are *Gemini*, *Libra*, *Aquarius*.

Aries, *Taurus*, *Gemini*, *Cancer*, *Leo*, *Virgo*, be Northern Signs.
Libra, *Scorpio*, *Sagittarius*, *Capricorn*, *Aquarius*, *Pisces*, be Southern signs.

Saturn is cold and dry, intemperate.
Jupiter is hot and moist, temperate.
Mars is hot and dry, intemperate.
The *Sun* is hot and dry, temperate.
Venus is cold and moist, temperate.
Mercury is variable, according to the nature of the Planet with which he is joyned or aspected.
Luna, the Moon is cold and moist, intemperate.

A Table of the Planets Essential dignities according to *Ptolemy*.

Signes	Planets Houses.	Exaltation.	Triplicity. D. N.	The Terms or boundaries of the Planets.					The Decanates or faces of the Planets.			Detriment.	Fall.
♈	♂ D	☉ 19	☉ ♃	♃ 6	♀ 14	☿ 21	♂ 26	♄ 30	♂ 10	☉ 20	♀ 30	♀	♄
♉	♀ N	☽ 3	♀ ☾	♀ 8	☿ 15	♃ 21	♂ 26	♂ 30	☿ 10	☽ 20	♄ 30	♂	
♊	☿ D	☊ 3	♄ ☿	☿ 7	♃ 14	♀ 21	♄ 25	♂ 30	♃ 10	♂ 20	☉ 30	♃	
♋	☽ N D	♃ 15	♂ ♂	♂ 6	♃ 12	☿ 20	♀ 27	♄ 30	♀ 10	☿ 20	☽ 30	♄	♂
♌	☉ N D		☉ ♃	♄ 6	☿ 13	♀ 19	♃ 25	♂ 30	♄ 10	♃ 20	♂ 30	♄	
♍	☿ N	☿ 15	♀ ☾	☿ 7	♀ 13	♃ 18	♄ 24	♂ 30	☉ 10	♀ 20	☿ 30	♃	♀
♎	♀ D	♄ 21	♄ ☿	♄ 6	♀ 14	♃ 19	☿ 24	♂ 30	☽ 10	♄ 20	♃ 38	♂	☉
♏	♂ N		♂ ♂	♂ 6	♃ 14	♀ 21	☿ 27	♄ 30	♂ 10	☉ 20	♀ 30	♀	☽
♐	♃ D	☋ 3	☉ ♃	♃ 8	♀ 14	☿ 19	♄ 25	♂ 30	☿ 10	☽ 20	♄ 30	☿	
♑	♄ N	♂ 28	♀ ☾	♀ 6	☿ 12	♃ 19	♂ 25	♄ 30	♃ 10	♂ 20	☉ 30	☽	♃
♒	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	☉	

...t that a Planet in his house, or in reception of another Planet ...se, hath 5 dignities. A Planet in his Exaltation, or in reception

ption by Exaltation hath four. A Planet in his triplicity hath three dignities; in his Term, two; and in his Decanate, one.

Note also that a Planet in his Detriment hath five debilities; and in his Fall, four.

Of a Year.

IN all matters legal, the year begins not with us on the 25th day of *March*: so that the year which begins on the first of *January* is the *Julian* year, instituted by *Julius Cesar*. It hath in it 365 days and a quarter, 8760 hours. But the Leap-year hath 366 days, or 8784 hours.

Of a Day.

A Day, in all Legal or law matters, is accounted from Sun to Sun: so that one, who hath a sum of money to pay on a set day by bond, need not render his money before or after Sun. This kinde of day is that which we call an Artificial day; but a day Natural is to be accounted from midnight to midnight, and so the day reckoned for indictments of murder.

Of the Eclipses this Year.

THere will be no Eclipse visible this year in England but onely one, and that a small one of the Sun on the 12 day of *August*. For on the 12 of *August*, at 10 minutes past six in the afternoon, the Sun will be Eclipsed to the quantity of 3 Digits and 15 minutes: that time being the very time of the middle of the Eclipse, &c.

Of Rain.

Rain is a cold vapour, and earthly humour, drawn from the earth and waters into the middle Region the air, where (by the extremity of cold) it is thickened into the body of a cloud, and after (being dissolved) falleth upon the earth.

Of the Rain-bow.

Aristotle saith the Rain-bow is made by the Sun-beams striking upon an hollow cloud, when the edge is resisted, and beaten back against the Sun; and thus ariseth variety of colours, by the mixture of clouds, air, and fiery light together.

Of Hail.

Hail is ingendred of Rain congealed into Ice, freezing the drops presently after the dissolution, whereof we have great irregular stones (sometime four inches broad, and oftner less) fall upon the earth. For the later it cometh, and the longer it tarrieth in the air before it come, the lesser and rounder it is.

Of Snow.

Snow is of the same humour that Hail is, but not congealed or grown together so hard. *Pliny* saith, Hail rather melts then Snow, and that Hail cometh oftner in the day then in the night. But sure enough those matters are best for the earth, and things growing upon, which have most Snow in them.

Or rather thus. There is no great difference between the matter of Snow, and matter of Rain and Hail; existing (as some think) that the vapour for Snow is of a better quality then the vapour for Rain, and yet not so good as that which is the material cause of Hail. For it is a te-

a tenet among Philosophers, that hot things being cool are apter for congelation then cold; as is seen in w Water, sooner frozen then that which never felt the

Why Snow is white.

THe whiteness that is in Snow proceedeth not f its own proper colour, but rather it is in respe those parts which are more airy then the rest: wh upon I finde some Authours who determine the thus; namely, that the White is by receiving the into it at those many small parts; even as in froth some is seen. For *Nix est spuma quædam*, Snow is a of froth: and when it looseth part of its frothy ture, and begins to melt, it looseth also part of whiteness which at the first it retained. To this also be added the coldness that is infused into it when congealed, as being a cause of whiteness; even a Phlegmatick bodies and cold Countreys may be s For such People are always whiter of complexion others; cold being the cause of that their whiteness

Of Dew.

DEw consisteth of a cold and moist vapour w the Sun draweth into the air: from whence, it is somewhat thickned and condensed through of the night, and also of the place whither the Sun led it, it falleth down in very small and indiscer drops, to the great refreshment of the earth. The m ing and the evening are the onely times that it fall the Sun both positively and privatively causing it. dews are very bad both to corn and sheep: skilful herds therefore will not drive out their sheep to feed the wind or Sun have licked the tops of the Grass.

Of Mists.

be two kinds of Mists; the one ascending, other descending: and so Dr *Fulk* observeth. which ascendeth goeth up out of the water or smoke, but seldom spreads it self any thing far; most of all seen about rivers and moist places.

other (saith he) namely, that which descendeth down towards the earth is when any vapour up into the air by heat of the Sun, which, not being enough to draw it so high that the cold may suffereth it to fall down again after it is a little ; and so it filleth all the air with gross vapours, the Sun from shining on us.

this last kinde is either congealed, or incongealed congealed comes near to the nature of that whereof white Frosts consist, and is never but in time. The incongealed are in warmer and more Seasons, coming near the nature of that matis the matter of dew.

call this Meteor a steril vapour hanging near the being neither moist enough to drop like rain, hot enough to be carried up on high into the air. steril as it is, sometimes we finde that it is but runner of rain: For when it departeth, if it a-, then rain followeth; if it descendeth, then ex- and fair day.

the Heathen used to secure their fields from Hail and other harms.

ancient husbandmen among the Heathens (as and *Pliny* mention) had certain charming to keep hail and other dreadful calamities from Fields. They would also (as *Palladius* saith) take kins of Crocodiles, Hyena's, or Sea-calves, and lay

lay them here and there about their Grounds; Or they would have a bloudy Ax lifted up in threat manner against the Heavens; or else an Owl set up, with her feathers spread abroad. All which are magical, deviliſh, and abſurd practiſes: ſuch as an old doting woman (whoſe confidence is in ſheers and the ſieve) cannot but acknowledge void of any the leaſt ſhew of reaſon: fit therefore Heathens onely, and not for Chriſtians. For let ſtians know that there is a God above, who can ſecure their Fields and other grounds, then all Magick ſpels and fooliſh ſopperies; as may be re large in the 18th chapter of Deuteronomy. Let ſtian alſo add unto this the danger of deviliſh pra with the unlawfulneſs of Charms and Incantation *there ſhall none ſuch be found among you: All tho things are an abomination to the Lord*, Deut. 18. 10, 11

What the Jews uſe to do at the ſight of the Rain-bowe.

AS ſoon as they behold it (not daring to gaze it) they go preſently forth and confeſs the acknowledging that they are worthy to be deſ with a Floud as the old World was; and in bein red they celebrate the mercy and clemency of G ſparing them. But this practice they ſtained with ſtition, vainly perſwading themſelves that the *Jehovah* was engraven on the Bow: and then they turned away their eyes from it, as from the M of God appearing there.

Of measures Geometricall.

ree barley corns in length make an inch, if ey be taken out of the midst of the ear, id one at the end of another. But note, is is not to be understood as if all barley of equall drieneſs, and taken out of the of divers ears, were of equal length; for both differ in regard of the ſoil, ſome g forth longer, ſome ſhorter corn. The g thereof is, that at the firſt inſtitution of easure, it was taken from a barley corn; but it is rather to be taken from that Standard hath been continued, then to ſeek to make one.

foot of board or glaſs is contained 144 inches.

foot of timber be a great many more for oot of timber be 1728 cubical ſquare inches: ſquare quarters of inches 110592.

note that the compaſs of the earth is 21600

the thickneſs of the earth is no more then miles.

nd as for the true meaſuring of board or , ſee the following table. It is plain and , and good husbandry to regard and uſe

The

Breadth of the board, or glass.	How much in length for a foot.	
Inches	Inches	parts.
1	144	0
2	72	0
3	48	0
4	36	0
4 & half.	32	0
5	28	9
5 & half.	26	2
6	24	0
6 & half.	22	2
7	20	7
7 & half.	19	2
8	18	0
8 & half.	17	0
9	16	0
9 & half.	15	2
10	14	5
10 & half.	13	8
11	13	1
11 & half.	12	6
12	12	0
12 & half.	11	6
13	11	1
14	01	3
15	9	7
16	9	0
17	8	5
18	8	0
19	7	7
20	7	2
21	6	10
22	6	6
23	6	3
24	6	0

The use of this Ta

FInd the breadth of board or glass on side of the Table, u that title, and again same you have the and parts of inches, must be had in leng a foot.

Example.

Against five inches i inches and 9 parts o inch and note that t of them parts are a that is, 28 inches three quarters in l make a foot, whe breadth is five inche

Also, when the b is five inches and a then 26 inches and 2 are a foot. If six half in breadth, th inches and two p length make a foot. six, then 24. And so like of the rest.

A Table of the Longitude and Latitude of some notable Cities and Towns in *England*, *Scotland*, and *Wales*.

	Longitude.		*Latitude.*	
	Degr.	*min.*	*Degr.*	*min.*
ick	22	37	55	33
	21	43	52	52
ham	20	8	52	41
	20	8	53	15
	21	40	53	32
	23	37	50	51
	25	25	52	0
	22	45	52	42
ry	21	26	55	7
outh	24	25	52	15
idge	19	13	52	17
	25	44	51	10
nds-bury	24	37	52	27
ough	23	50	56	15
	21	42	50	50
ough	26	10	54	10
	22	11	52	10
	25	43	52	22
DON	21	55	54	22
	24	20	51	32
ainc-	21	46	52	43
ster	19	25	50	10
	22	0	53	42
	25	36	52	45
ough	23	26	51	47
ough	24	0	52	40
	25	10	51	32
ry	25	10	51	0
hampton	21	47	53	0
sh	22	58	50	10
ham	24	20	55	10
ter	25	13	52	54
sh	23	12	52	30
	26	0	52	46
	23	30	54	30

A plain and easie Table shewing the true interest due upon any sum of money from five shillings to an hundred pounds for a year or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	sh.	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q.*
5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	1
10	0	0	2	0	1	3	0	3	2	0	5	1	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	1
1	0	1	0	0	3	2	0	7	0	0	10	2	1	1	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	2	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	3	3
4	0	4	3	1	2	1	2	4	2	3	6	3	4	4	3
5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	1	2
7	0	8	1	2	1	0	4	2	1	6	3	1	8	2	1
8	0	9	2	2	4	2	4	9	1	7	1	3	9	3	0
9	0	10	3	2	8	1	5	4	2	8	0	3	10	3	3
	p.	*sh.*	*p.*	*p.*	*sh.*	*p.*	*p.*	*sh.*	*p.*	*p.*	*sh.*	*p.*	*p.*	*sh.*	*p.*
10	0	1	0	0	3	0	9	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

1 1 *Shill.* 1 *Pounds.* 1 1 *Tens of Pounds.*

This Table sheweth the length of the day in the first six moneths.

January		February		March		April		May		June	
ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
54	9	32	11	20	13	26	15	14	16	25	
56	9	36	11	24	13	30	15	18	16	26	
58	9	38	11	28	13	34	15	20	16	27	
0	9	42	11	32	13	38	15	24	16	28	
2	9	44	11	36	13	42	15	26	16	29	
4	9	48	11	40	13	46	15	30	16	30	
6	9	52	11	44	13	50	15	34	16	31	
10	10	56	11	48	13	52	15	36	16	32	
12	10	0	11	52	13	56	15	40	16	33	
14	10	4	11	56	14	0	15	42	16	34	
16	10	8	12	0	14	4	15	44	16	34	
18	10	10	12	4	14	8	15	46	16	34	
22	10	14	12	8	14	12	15	48	16	34	
26	10	18	12	12	14	16	15	50	16	34	
30	10	22	12	16	14	18	15	52	16	33	
34	10	26	12	20	14	22	15	54	16	32	
36	10	30	12	24	14	24	16	56	16	31	
40	10	34	12	28	14	28	16	58	16	30	
44	10	38	12	32	14	30	16	0	16	29	
48	10	42	12	36	14	34	16	4	16	28	
52	10	46	12	40	14	38	16	8	16	27	
56	10	50	12	44	14	42	16	10	16	26	
0	10	55	12	48	14	46	16	12	16	25	
4	10	58	12	52	14	48	16	14	16	24	
8	11	4	12	56	14	52	16	16	16	23	
12	11	8	13	2	14	56	16	18	16	22	
14	11	12	13	6	15	0	16	20	16	21	
18	11	16	13	10	15	4	16	21	16	20	
22	0	0	13	14	15	8	16	22	16	18	
26	0	0	13	18	15	10	16	23	16	16	
30	0	0	13	22	0	0	16	24	00	0	

This Table sheweth the length of the day in the six last moneths of the year.

days	July		August		Septemb.		Octob.		Novemb.		Decemb.	
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	
1	16	14	14	46	12	48	10	46	8	52	7	
2	16	12	14	42	12	44	10	42	8	48	7	
3	16	10	14	38	12	40	10	38	8	44	7	
4	16	8	14	34	12	36	10	34	8	40	7	
5	16	6	14	30	12	32	10	30	8	36	7	
6	16	4	14	28	12	28	0	26	8	34	7	
7	16	0	14	24	12	24	10	22	8	30	7	
8	15	58	14	22	12	20	10	18	8	26	7	
9	15	56	14	18	12	16	0	14	8	22	7	
10	15	52	14	16	12	12	10	10	8	18	7	
11	15	50	14	12	12	8	10	8	8	16	7	
12	15	48	14	8	12	4	10	4	8	14	7	
13	15	46	14	4	12	0	10	0	8	12	7	
14	15	44	14	0	12	56	9	56	8	10	7	
15	15	42	13	56	11	52	9	52	8	8	7	
16	15	40	13	52	11	48	9	48	8	6	7	
17	15	36	13	50	11	44	9	44	8	4	7	
18	15	34	13	46	11	40	9	42	8	2	7	
19	15	30	13	42	11	36	9	38	8	0	7	
20	15	26	13	38	11	32	9	36	7	58	7	
21	15	24	13	34	11	28	9	32	7	56	7	
22	15	2	13	30	11	24	9	30	7	54	7	
23	15	18	13	22	11	20	9	26	7	52	7	
24	15	14	13	22	11	16	9	22	7	50	7	
25	15	10	13	18	11	12	9	18	7	48	7	
26	15	8	13	14	11	8	9	14	7	46	7	
27	15	4	13	10	11	4	9	12	7	44	7	
28	15	0	13	6	11	58	9	8	7	42	7	
29	14	56	13	2	10	54	9	4	7	40	7	
30	14	52	12	57	10	50	9	0	7	38	7	
31	14	48	12	52	00	00	8	56	0	00	7	

Other notes fit to be known.

Note that sixty minutes make an hour. Forty five minutes make three quarters of an hour. Thirty minutes make half an hour, Fifteen minutes make a quarter of an hour. Twelve inches make a foot. Three feet, or 36 inches make a yard. Three feet nine inches, or 45 inches make a nail. Sixteen feet six inches make one pole or rod to measure land withall. Forty poles make a Furlong. Eight Furlongs make one mile. 1000 foot make a pace: 1000 such paces make an Italian mile, which is shorter by 280 foot then the English mile.

Observations for Husbandmen, and others.

In January take away superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree-roots, cut your vines in one of the twelve dayes.

Set quick-sets, rose, and sallets in the moneth February. And now cover up the roots of trees with good earth, which you opened the beginning of January.

In March you may graft; but in planting and setting chuse a warm time; wherefore let not the wind be in the East or North, because such winds are commonly nipping, especially being helped by any aspect of the Moon, with Saturn

or *Venus*, in cold signes; as *Virgo*, *Capricorn*, *Taurus*, *Scorpio*, *Pisces*, or *Cancer*.

In the end of *April*, or beginning of *May* set and sow tender herbs and seeds in your gardens, in a good temperature of air.

If you mean to preserve flowers or seeds, gather them in a full moon; let the sun shine full upon them, and they will keep the better. But let them not be dried in the sun, lest the sun draw away part of their virtue.

Remove young trees either in the end of *October*, *November*, or *February*, the moon increasing: and be sure to set that side south which was south before; because it cannot endure the cold north.

Shear sheep the moon increasing, and their fleeces will grow the better again. The like observe for cutting of hair, the moon in *Taurus*, *Scorpio*, or *Libra*.

Geld cattel the moon in *Aries*, *Sagittarius*, *Capricorn*, being in her last quarter.

Gather all fruits that you mean to keep, in a dry time when the moon is at the full.

Sow all such seeds as have round roots (as onions, leeks, turneps, &c.) either three or four days before the Full, or three or four dayes after the full.

Of many and ſundry Fairs in *England*, as they have heretofore been ſet forth by others, and are now continued for the common good.

January.

e 5 day at Hicketford in Lancaſhire: the 6 day at lisbury: the Thurſday after at Banbury: the 25 at ravesend, Briſtol, Churchingford, Northallerton in h, every Wedneſday from Chriſtmas untill June.

February.

e firſt day at Bromly in Lancaſhire: the 2 day at ing in Barkſh. Maidſtone, Bickleſworth, Beckleſ- ath, Lin, Bugworth: the 3 day at Brogrove: on rines day at Owndle in Northamptonſhire, Fe- m: the 24 day at Henly upon Thames, Baldock: hwedneſday at Royſton, Dunſtable, Eaton, Tam- , Tunbridge, Lichfield, Exceter, Ciceter: the firſt day in Lent at Banbury.

March.

e 3 day at Bromwel-braks in Norfolk: the 4 at rd: the 12 at Alſome in Norfolk, Sudbury, Woo- the 13 at Wye, Bodwin in Cornwall: the 20 at tam: the Monday before our Lady-day at Kendal, ich: the 25 day at Huntington, Northampton, n, Aſhwel in Hartfordſhire, Newcaſtle: Midlent ron-Walden in Eſſex: Goodfriday at Norwich: ſunday-eve at Wisbich, Worceſter, Pomfret.

April.

ter-monday at Oney in Bedfordſh, Gainsborough: i-tueſday at Daintry in Northamptonſh. Godmon- cheſter,

chester, Schole in Norfolk, S. Edmonds bury: on Wednesday at Wellingborough in Northamptonsh. on Thursday in the same week at Darby: on Saturday in Bickleworth: the 2 at Hitchen, Rochford, Northfleet: the 4 at Darby: the 9 at Billingsworth, Bickleſworth: the 16 at Stabford: the 23 at Ipswich, Harbin in Norfolk, Northampton, Sapſar in Hartfordsh. Charing, Hinningham, Tamworth, Bury in Lancaſhire, S. Pombs in Cornwall: the 27 at Dunmow in Eſſex, Oakham in Rutlandſhire, Buckingham, Darby: the 29 at Tenderden in Kent, Cleet: the 30 at Beverly a week together.

May.

The firſt day at Haveril in Eſſex, Layton-buzzard, Huntingtonsh. Rippon in Yorksh. Reading, Maidſtone, Tuxford in the clay: the 3 at Elſtow in Bedfordsh. Nocaton in Warwickſh. Thetford in Norfolk, Chelmsford in Eſſex, Waltham-Abby, Hinningham, Rochdale, Bramyard: the 7 at Newton in Lancaſhire, Beverly, Chesford: the 10 at Rocheſter, Dunſtable, Magfield in Suffolk: on Rogation-munday at Reach: on Aſcention-day at Thixted, Beverly, Rippon, Sudminſter, Biſhopsſtortford, S. Eedes, Wickam in Lancaſhire, Middlewich in Cheſh. Chappel-frith in Darbyſhire: on Whitſun-eve at Skipton in Craven: on Whitſun-monday at S. Ives, Rygate in Surrey, Bickleſworth, Bradford, Agmundesham in Buckinghamſh. on Whitſun-tueſday at Newmarket, on Wedneſday at Royſton: on Thurſday at Owndel in Northamptonſhire: the 16 day at Lenham: the 23 at Crainbrook.

June.

On Trinity-eve at Rowel, Kendal: on Corpus Chriſti at Banbury, Biſhops-ſtratford, S. Eedes, Coventry, Newbury: the 9 at Maidſtone: the 11 at Breme in Norfolk, Bardfield in Eſſex: the 17 at Hadſtock: the 23 at S. Albans.

Albans, Deerham in Norfolk, Shrewsbury: the 24 at
in Suffolk, Barnwel beside Cambridge, Bedford,
ester, Rumford, Reading, Windsor, Halifax, Hart-
Beverly, Haslingden: the 26 at Bristol, Darby:
at Burton on Trent, Folstone: the 28 at S. Pombs
Cornwal: the 29 at Peterborough, Ashwell, Sudbury,
ing in Essex, Benington in Hartfordshire.

July.

The 1, 2, and 3 days at Congleſtone in Cheſh. the 7
Royſton, Burntwood: the Monday after at Fodring-
the 11 at Partney for horſes: the 20 at Uxbridge,
idge, Woodſtock, Barkway: the 22 at Ickleton,
lesworth, Norwich, Colcheſter: the 25 at Audly-
beside Walden, Reading.

August.

The first day at Bedford, S. Eedes, Dunſtable, Fever-
, Wisbich, Bickleſworth, Stoniſtratford: the 10 at
tamore, Harply in Norfolk, Thaxted in Eſſex, St.
, Bedford, Banbury, Farnham, Brainford: the 15 at
bridge, Huntington, Dunmow, Luton, Northam-
: the 24 at London, Sudbury, Norwich, Oxford,
alerton, Dover, Beggers-buſh, Burton: the 29 at
ton in Suffolk, Marlow-buſh in Eſſex, Watford.

September.

The first day at S. Giles in the buſh: on Thurſday &
day next before the 8 day, at Sandbach in Cheſh. the
, and 10 days at Woodbury-hill in Dorſetſh. the 7
Ware: the 8 at Huntington, Bury in Lancaſh. Part-
, Wakefield, Northampton, and Sturbridge fair be-
ing to Cambridge begins: the 14 at Rippon for hor-
, Waltham-Abbey, Cheſterfield in Darbiſhire, Rich-
nd: the 21 day at Marleborough, Bedford, Baldoc,
dmondsbury, Holden in Holderneſs, Braintry, Brack-
lymaiden,

lymaiden, Malden. the 29 at S. Ives, Basing[illegible] ket deeping, Shelford in Bedfordshire, Bish[illegible] ford, Malden for horses, Stow in Lincolnshire; [illegible] day after at Banbury.

October.

The 2 at Salisbury: the 6 at Havent in Ha[illegible] Maidston, Coolidge, Gayworth by Lin, S Faith[illegible] 8 at Bishopstratford, Harborough: the 9 at Gai[illegible] rough in Lincolnsh. the 13 at Windsor, Colch[illegible] Gravesend: the 18 day at Ely, Bishopshatfield, [illegible] net, Banbury, Thirst, Burton on Trent: the 21 [illegible] at Saffron-Walden: the 23 at Biclesworth: th[illegible] at Newmarket, Dis in Norfolk, Wakefield, Rich[illegible] in Lancashire.

November.

The 1 day at Chelmsford: the 2 at Epping, [illegible] stone on Thames, Padamhasson in Suffolk: the 6 d[illegible] Newport pond, Bedford, Hartford: the 11 at Lo[illegible] in Norfolk, Lenton in Nottinghamshire, Hem[illegible] in Norfolk, Fockingham in Lincolnshire, Bridge[illegible] in Northamptonsh. Marleborough: the 17 at S[illegible] ding in Lincolnshire, Harlow, Lincoln, H[illegible] Northampton: the 19 at Horsham in Kent: the [illegible] S. Edmondsbury, Ingerstone in Essex, Heath: th[illegible] at Sandwich: the 30 at Baldoc, Bareford, Koli[illegible] rough, Maidenhead, Warrington, Rochester.

December.

The 5 at Pluckly: the 6 at S. Eedes, Wood[illegible] Spalding, Norwich in Cheshire, at Exeter, Se[illegible] in Kent, Arundel, Grantham: the 7 at Sandh[illegible] 8 at Northampton, Clitheral in Lancashire, [illegible] tington, Malpas in Cheshire: the 29 at Cau[illegible] ry, Salisbury.

FINIS.